

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference L25291A	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2005/045291	International filing date (day/month/year) 14/12/2005	(Earliest) Priority Date (day/month/year) 31/12/2004
Applicant OWENS CORNING		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the International search was carried out on the basis of:

- the international application in the language in which it was filed
 a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box No. II)

3. Unity of invention is lacking (see Box No III)

4. With regard to the title,

- the text is approved as submitted by the applicant
 the text has been established by this Authority to read as follows:

5. With regard to the abstract,

- the text is approved as submitted by the applicant
 the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

- as suggested by the applicant
 as selected by this Authority, because the applicant failed to suggest a figure
 as selected by this Authority, because this figure better characterizes the invention

b. none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

MODIFIED VERSION

International application No
PCT/US2005/045291

A. CLASSIFICATION OF SUBJECT MATTER
INV. C08J9/00 C08K3/04 C08J9/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C08J C08K C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 387 968 B1 (GLUECK GUISCARD ET AL) 14 May 2002 (2002-05-14) example 1 -----	1-20
Y	WO 2004/065461 A (THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION) 5 August 2004 (2004-08-05) page 11, paragraph 61 - page 12, paragraph 63; claims 1-36 -----	1-20
A	EP 1 205 437 A (FUTABA CORPORATION) 15 May 2002 (2002-05-15) column 3, line 40 - line 48 paragraph [0033] -----	1-20
Y	WO 97/31053 A (THE DOW CHEMICAL COMPANY) 28 August 1997 (1997-08-28) claims 1-14 ----- -/-	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the International search report

12 May 2006

23.06.2006

Name and mailing address of the ISA/
European Patent Office, P.B. 5818 Patentlaan 2
NL- 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 851 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Scheuer, S

INTERNATIONAL SEARCH REPORT

~~MAILED~~ VERSION
International application No
PCT/US2005/045291

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 679 718 A (SUH ET AL) 21 October 1997 (1997-10-21) column 4, line 29 - line 62; claims 1-25; table 5 -----	1-20
Y		1-20

INTERNATIONAL SEARCH REPORT

~~MODIFIED~~

VERSION

Information on patent family members

International application No
PCT/US2005/045291

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6387968	B1	14-05-2002	DE	19812856 A1		30-09-1999
			WO	9948957 A1		30-09-1999
			EP	1082382 A1		14-03-2001

WO 2004065461	A	05-08-2004	AU	2003302767 A1		13-08-2004
			US	2003205832 A1		06-11-2003
			US	2005004243 A1		06-01-2005

EP 1205437	A	15-05-2002	WO	0073206 A1		07-12-2000
			JP	3074170 B2		07-08-2000
			JP	2001048508 A		20-02-2001
			US	6692718 B1		17-02-2004

WO 9731053	A	28-08-1997	AT	209666 T		15-12-2001
			AU	712100 B2		28-10-1999
			AU	2132297 A		10-09-1997
			BR	9707867 A		27-07-1999
			CN	1212001 A		24-03-1999
			CZ	9802639 A3		13-01-1999
			DE	69708605 D1		10-01-2002
			DE	69708605 T2		01-08-2002
			EP	0882089 A1		09-12-1998
			ES	2163739 T3		01-02-2002
			JP	2000505491 T		09-05-2000
			NO	983856 A		21-08-1998
			PL	328459 A1		01-02-1999
			TR	9801635 T2		23-11-1998

US 5679718	A	21-10-1997	US	5674916 A		07-10-1997
